

SONY®

Video Products



**AV SERIES 1/2 inch TAPE
Videocorder® and Accessories**

SONY VTR — World Leader in

□ Versatility □ Technology □ Reliability

Scientific research and engineering design have made SONY today's leader in VTR around the world. The AV Series is one of SONY's proudest accomplishments. It is versatile, with a variety of lightweight, portable units, including the battery operated VideoRover II that can record and playback on location. The AV Series has both color and monochrome recorders and meets EIAJ-1 Standards. It is economical, dependable and designed to be used in a wide variety of applications. The SONY policy of reliability is your assurance of years of trouble free operation.

Video Cameras — SONY offers a superior line of high performance cameras to meet your specific needs.

Video Tapes — SONY which has been producing magnetic tape for as long as magnetic tapes have existed, today makes the best and most popular video tape available.

Microphones — SONY Electret Condenser microphones are the first professional quality microphones ever mass produced with low cost and high reliability.

Monitors and Accessories — SONY completes the picture providing maximum flexibility with a full line of monitors, both monochrome and color in a variety of sizes. SONY cables and connectors facilitate VTR installation in any location.

SONY has established a nationwide network of franchised dealers. All have been carefully selected on the basis of their expertise and capability in the video tape field. In addition, quality service is available throughout the country at locally authorized service centers as well as SONY Regional Service Centers.

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Video Tape Recorders

Sony 1/2 Inch Tape Videocorder

model **AV-3600**

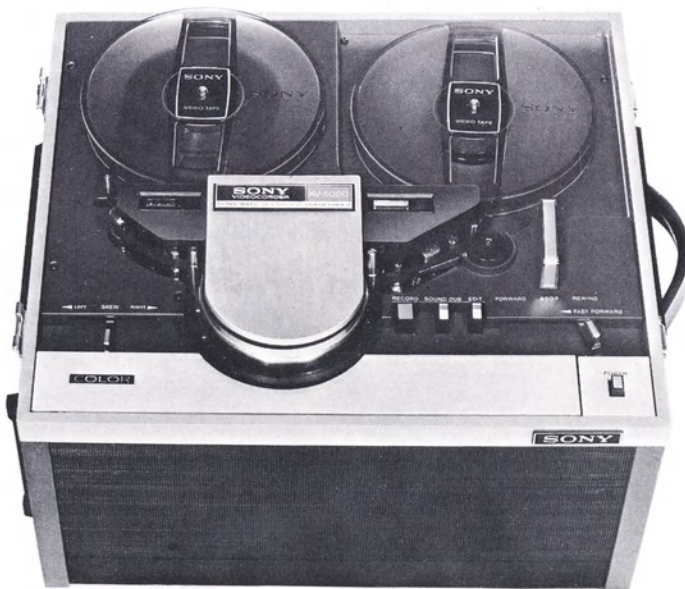
The AV-3600 is a lightweight (33 lb.) Videocorder that provides a whole hour of monochrome recording and playback on 1/2 inch tape. Two numbered buttons and a single lever make the AV-3600 extremely easy to operate, as does the fully automatic gain control, for both video and audio, which eliminates all manual recording adjustments. The AV-3600 has stop action, audio that can be added after recording of video, and an optional RF modulator that enables tapes to be played back on regular TV sets. The AV-3600 conforms to standard EIA TV signal requirements. It can record any EIA composite TV signal from a camera or receiver/monitor. Horizontal resolution is more than 300 lines. Tapes are interchangeable with those of any AV Series VTR. Tape pattern conforms to EIAJ-1 standard.

Dimensions: 15-3/4" (W) x 9-3/16" (H) x 13-3/16" (D).
Weight 33 lbs.



Sony 1/2 Inch Tape Color Videocorder

model **AV-5000**



The AV-5000 is a compact 1/2 inch tape format Videocorder that records and plays back in either full NTSC color or monochrome. Recording and playback time is one full hour. The AV-5000 has slow motion as well as stop action, editing, audio that can be added after recording of video, and an optional RF modulator that enables tapes to be played back on regular TV sets. The AV-5000 conforms to standard EIA TV signal requirements. It can record any EIA composite TV signal from a camera or receiver/monitor. Horizontal resolution in monochrome is more than 300 lines, in color more than 240 lines. Tapes are interchangeable with those of any SONY AV Series VTR. Tape pattern conforms to EIAJ-1 standard.

Dimensions: 18-1/4" (W) x 11" (H) x 15-1/2" (D).
Weight 55 lbs.

Battery Operated Video Tape Recorder/ Video Camera



Sony Videorover II

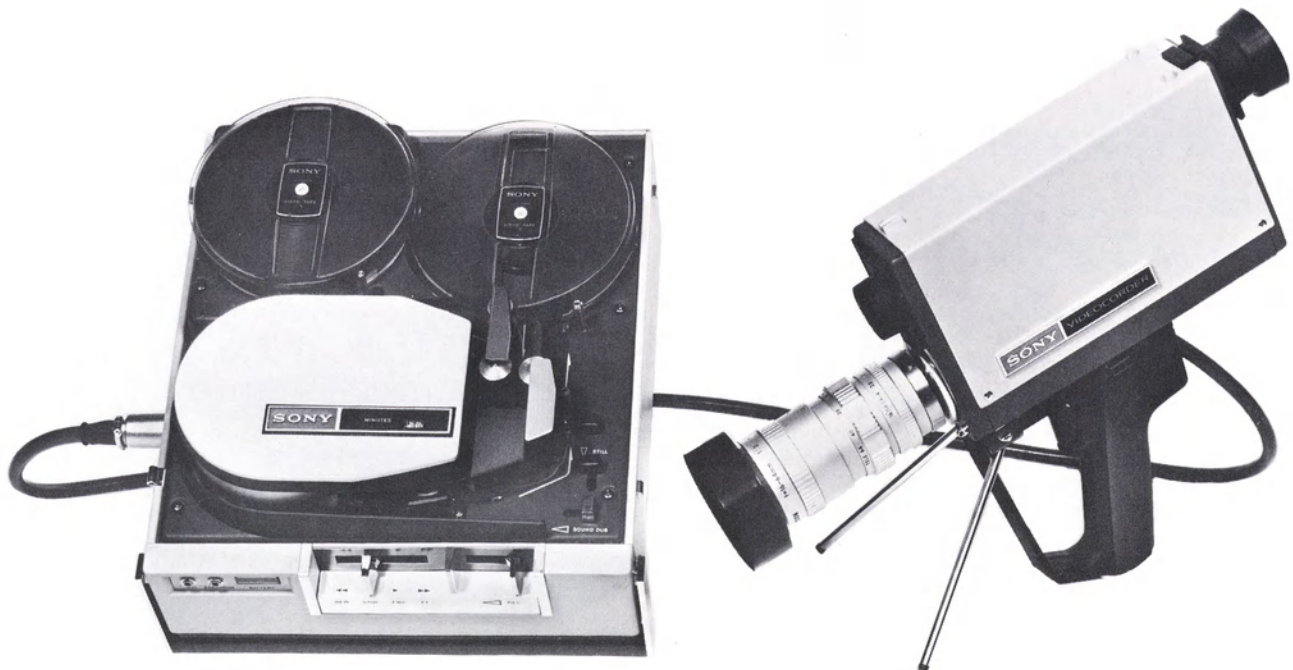
model **AV-3400/AVC-3400**

The VideoRover II is a completely portable, battery-operated VTR system that can be carried and operated by one person. It consists of a hand-held video camera (with zoom lens and built-in electret condenser microphone) connected to a shoulder-or back-carried Videocorder. The latter is used both to record picture and sound and to play them back on a monitor or, with the optional RF modulator, on a regular TV set.

The Videocorder can likewise be used to record TV programs off the air. The camera has a zoom lens and an electronic viewfinder that shows the operator his picture exactly as it will appear on the TV screen. This viewfinder, moreover, can be used for playback to check the tape as soon as it has been recorded. An AC power adaptor, which also serves to charge the battery, makes it possible to run the VideoRover II on house current. Special features include stop action, audio that can be added after recording of video, and a recording and playback time better than 30 minutes on one reel of tape. Horizontal resolution is more than 300 lines. Tapes are interchangeable with those of any AV Series VTR. The Tape pattern conforms to EIAJ-1 standard.

Dimensions: AVC-3400 Camera 2-13/16" (W) x 5" (H) x 15-1/16" (D). Weight 6 lbs. AV-3400 Videocorder 11" (W) x 6-3/16" (H) x 11-5/8" (D). Weight 18 lbs. 12 oz. (with battery pack, tape and reel).

Complete



Video Cameras and Video Camera Ensembles



Sony Video Camera Ensemble

model **AVC-3200**

The AVC-3200, is a compact video camera suitable for both closed-circuit television and video tape recording. It is extremely simple to operate, with "point-and-shoot" procedures and a sensitivity control that automatically adapts the camera to a wide range of lighting conditions (indoors—30 footcandles, to bright outdoors—10,000 footcandles). The special frequency compensation (video processing) system assures crisp, high-resolution pictures; solid-state circuits, using SONY FETs, are designed for rugged continuous operation. When the camera is not in use while the circuitry is activated, a mechanical shutter protects the vidicon. The camera's "C-mount" makes for the most versatile lens interchangeability.

Dimensions: 4-3/4" (H) x 4-3/16" (W) x 13-1/4" (L).
Weight 6 lbs. 8 oz.

Professional Video Camera

model **DXC-2000A**

The DXC-2000A is a professional video camera that offers simplicity of operation and high-quality performance. Video signals produced by the DXC-2000A are of extremely high resolution and stability. The camera is of all solid-state design and features an internal crystal-controlled sync generator with 2:1 interlace, and automatic sensitivity control. Exceptionally sharp pictures are provided over a wide range of light levels.

An optional, snap-on electronic viewfinder is available for use with the DXC-2000A.

Dimensions: 3-15/16" (W) x 7-13/16" (H) x 13-13/16" (D). Weight 13 lbs. 8 oz.



AVC-3200K Ensemble

The AVC-3200K consists, apart from the camera itself, of a tripod, a microphone, cables, and an attractive carrying case that accommodates the entire ensemble.

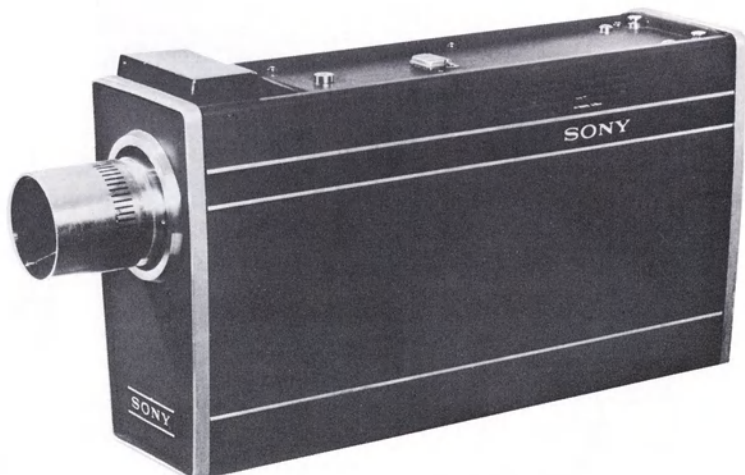
Dimensions: (in case)
6" (W) x 17-1/2" (H) x 22" (L)
Weight 32 lbs.



AVC-3200DX Ensemble

The AVC-3200DX consists, apart from the camera itself, of a tripod, a microphone, cables, zoom lens instead of standard lens, electronic viewfinder that can be mounted atop the camera, and an attractive carrying case that accommodates the entire ensemble.

Dimensions: (in case)
6" (W) x 17-1/2" (H) x 22" (L)
Weight 39 lbs.



Monitors



Receiver Monitor—Color

CVM-1200U

Portable

Trinitron Color Monitor/TV Receiver.
12" (measured diagonally)

Dimensions: 21-13/16" (W) x 14-1/32" (H) x 15-7/8" (D).
Weight 48 lbs. 8 oz.

Receiver/Monitors—Monochrome

CVM-51UWP

Portable Monitor/
TV Receiver.

8" (measured diagonally)

Dimensions:
9" (W) x 10" (H) x 8-5/8" (D).
Weight 10 lbs.

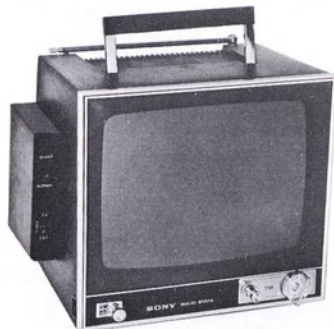


PVJ-3030

Portable Monitor.

5" (measured diagonally)

Dimensions:
4-1/4" (H) x 8-3/8" (W) x
6-5/8" (D). Weight 8 lbs.



CVM-110U

Portable Monitor/
TV Receiver.

11" (measured diagonally)

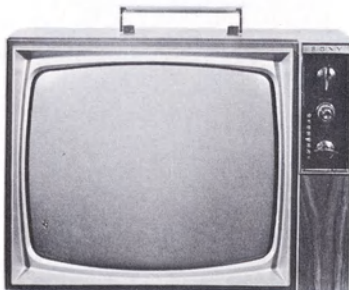
Dimensions:
11-7/8" (W) x 11-5/8" (H) x
11-5/8" (D). Weight 17 lbs.
3 oz.

PVJ-510

Portable Monitor.

8" (measured diagonally)

Dimensions:
10" (H) x 9" (W) x 10" (D).
Weight 10 lbs.

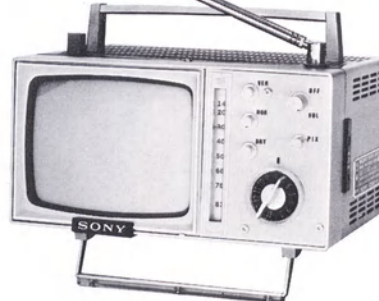


CVM-180UA

Portable Large
Screen Monitor/TV
Receiver.

18" (measured diagonally)

Dimensions:
15-1/2" (H) x 21-1/4" (W) x
12-1/2" (D). Weight 50 lbs.

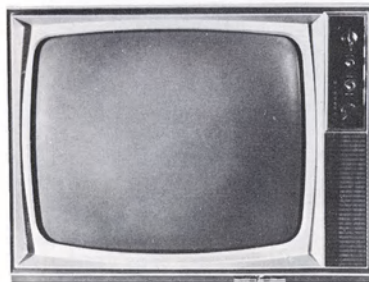


PVJ-307RU

Portable Monitor/
TV Receiver.

5" (measured diagonally)

Dimensions:
4-1/4" (H) x 8-3/8" (W) x
6-5/8" (D). Weight 8 lbs.



CVM-220UA

Large Screen
Monitor/TV
Receiver.

22" (measured diagonally)

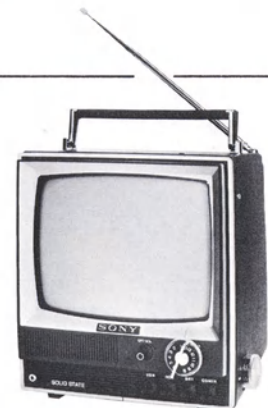
Dimensions:
19-7/8" (H) x 26" (W) x
13-5/8" (D). Weight 76 lbs.

PVJ-51RU

Portable Monitor/
TV Receiver.

8" (measured diagonally)

Dimensions:
10" (H) x 9" (W) x 10" (D).
Weight 11 lbs.



Sony Scan Converter

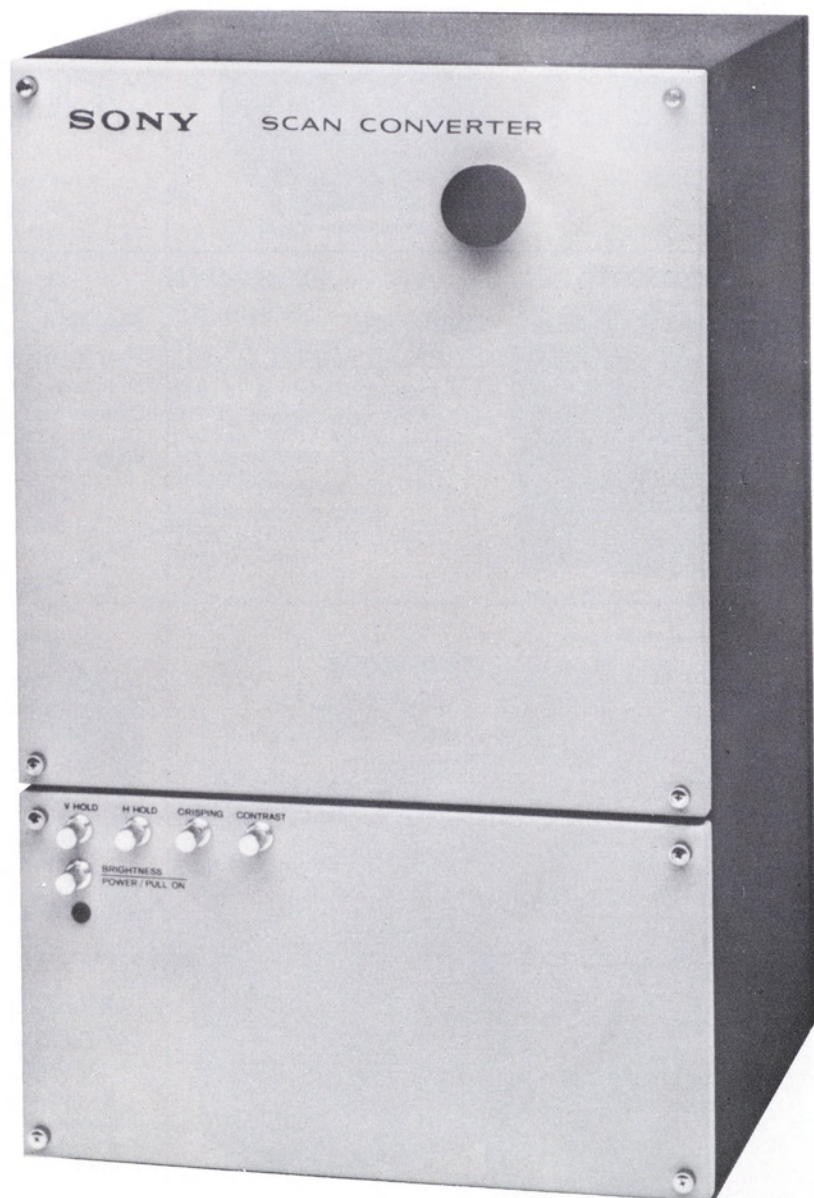
model **IB-4/IB-5**

The SONY Scan Converter or "Image Buffer" serves to manipulate TV images, after they have been recorded on tape, in an almost limitless number of ways. It can also transfer these images from tape in one format onto tape in another format. Thus the Image Buffer can be used to eliminate image jitter or flag waving, to add special effects or titles to already recorded tapes, to help edit and assemble, and to convert tape into widely varying formats.

The IB-4 and IB-5 models are identical except that the IB-4 is limited to the EIA American Standard Signal, whereas the IB-5 will accept both EIA and CCIR (European Signal) and can convert EIA Signal into a CCIR Signal and vice versa.

Dimensions:
17" (W) x 27-1/4" (H) x 11-3/4" (D)
Weight 113 lbs.

IB-4
IB-5



Sony 1/2 Inch Video Tape



SONY video tapes come in an attractive plastic box, suitable for storage as well as for shipping or mailing.

SONY, which has been producing magnetic tapes for as long as magnetic tapes have existed, today makes the best and most popular video tape available. Manufactured in one of the world's largest magnetic tape production plants, under the most rigid of quality control standards, this tape has an extremely low friction coefficient that assures long tape life and protects recording heads. It also offers the highest quality of picture and sound.

Other advantages of SONY video tape are that it comes in a variety of lengths, that it is handsomely packaged (in a plastic box suitable for both shipping and storage), and that it is readily available from nationwide supply depots and franchised dealers.



V-30F
380 ft., 10 minutes playing time. 4 5/8" dia.



V-30D
845 ft., 20 minutes playing time. 4 5/8" dia.



V-30H
1210 ft., 30 minutes playing time. 5 1/8" dia.



V-31
1240 ft., 30 minutes playing time. 7" dia.



V-32
2370 ft., 60 minutes playing time. 7" dia.



RH-5V
Reel for V-30F and V-30D, accommodates tapes with up to 20 minutes playing time. 4 5/8" dia.



RH-5E
Reel for V-30H, accommodates tapes with up to 30 minutes playing time. 5 1/8" dia.



RH-72V
Reel for V-31, accommodates tapes with up to 30 minutes playing time recommended for fast wind or rewind. 7" dia.



RH-7V
Reel for V-32, accommodates tapes with up to 60 minutes playing time. 7" dia.

Microphones

Electret Condenser Microphones

SONY Electret Condenser Microphones are the first professional quality microphones ever mass produced with low cost and high reliability. Some unique features are, very high sensitivity, special high-polyme diaphragm for microphone capsule, IC (integrated circuit) in amplifier section, stability and durability, convenience... long life battery operation and easy battery replacement, compact styling, excellent signal to noise ratio, wide dynamic range.



ECM-50

Finest performance omni-directional lavalier mic. 0.16 oz. for mic and 3.5 oz. for connector. Complete with cable, tie clip, wind screen.



ECM-53B

Compact uni-directional mic with flexible arm. For professional application. Complete with wind screen.

ECM-19B

Unidirectional economy condenser microphone. Unique design with built-in wind screen. Complete with mic stand.

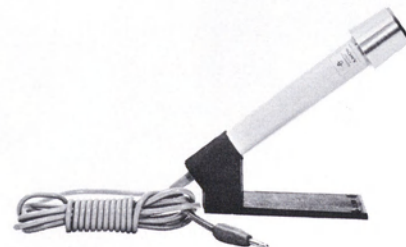
ECM-21

Slim professional style uni-directional mic with wind screen and mic stand.



ECM-22

Professional quality uni-directional mic with specially developed low noise FET. High sensitivity and wide frequency response. Complete with cable and wind screen.



F-98 Dynamic Microphone

The SONY Dynamic microphone is precisely designed with all the highly advanced acoustical engineering techniques of SONY. Because of its highly directional (cardioid) characteristics the F-98 has superior ability to eliminate unwanted background noise. It is lightweight, rugged and comes complete with microphone stand.

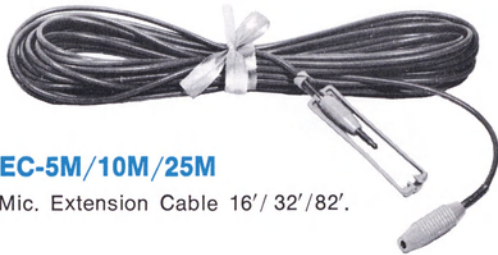
Microphone Accessories



MX-800 Mic. Mixer

Five channel (four mic and one auxiliary), completely transistorized, portable microphone mixer. Individual and master volume control, high or low impedance input.

Dimensions: 2-1/2" (H) x 5-1/4" (D) x 11-3/8". Weight 4 lbs.



EC-5M/10M/25M

Mic. Extension Cable 16' / 32' / 82'.



EXC-1A

XLR Male—
Mini Plug
Connector 5'.



PC-1

Plug Connector (regular
plug to mini plug).



PC-2

Plug Connector (mini plug
to regular plug).



EXC-1B

XLR Male—
Mini Jack
Connector 5'.



AXC-1/5/10

XLR Male —
XLR Female
Connector 5' / 16' / 32'.



EXC-1C

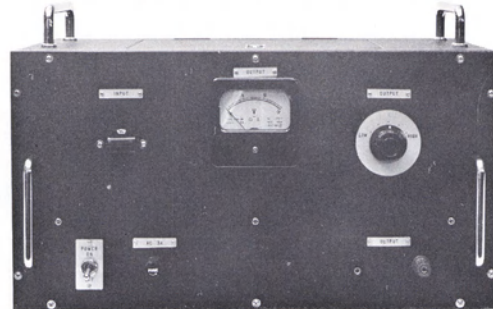
XLR Female —
Mini Plug
Connector 5'.

Video Tape Recorder Accessories



RFU-53W/RFU-54W

RF Adapter, Video and Audio, to playback thru regular TV set; for AV-3600/AV-3400. RFU-53W for channel #3, RFU-54W for channel #4.



AC-2000

Converter to 12v DC from 100v, 117v, 220v, 240v, 50c/s or 60c/s. (To be used with an inverter.)



CVA-103W/CVA-104W

RF Distributor, color/monochrome, video and audio to playback through regular TV set, for AV-5000 or any other VTRs. CVA-103W for channel #3, CVA-104W for channel #4.



VSK-1

Tape Splicing Kit (for 1/2" tape).



CVO-4

Clear plastic dust cover for AV-3600.



VGR-1

Videographic Kit for production of visual aids.



LC-100

Leatherette Carrying Case for AV-3600.



GC-2

Roll-About-Cart, metal frame, can be folded.

Battery Operated Video Tape Recorder/ Video Camera Accessories



CMA-1 Recording Adapter to use AVC-3400 Camera with AV-3600 Videocorder.



CMA-2 Recording Adapter to use AVC-3400 Camera with AV-3600 or AV-5000 Videocorder.



BP-20 Battery Pack.



CCJ-1/5/10
Video-Audio-Power Extension Cable 5'/16'/32'.

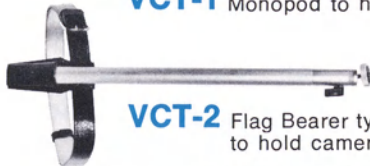


RFU-53W/RFU-54W

RF Adapter, Video and Audio, to playback thru regular TV set; for AV-3600/AV-3400. RFU-53W for channel #3, RFU-54W for channel #4.



VCT-1 Monopod to hold camera.



VCT-2 Flag Bearer type Monopod to hold camera.



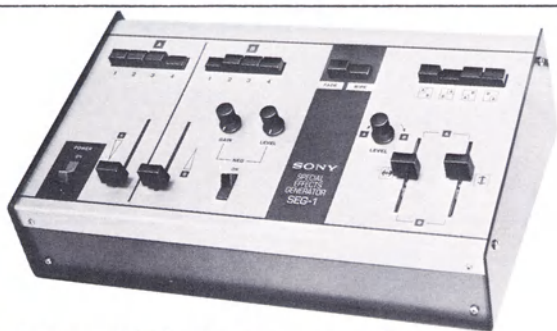
DCC-2400 Car Battery Cord for AV-3400.



AC-3400

Battery Charger/AC Adapter.

Video Camera Accessories



SEG-1

The SONY Special Effects Generator SEG-1 provides such dramatic effects as switching, fading, superimposing, or wiping two video signals. The SEG-1 can accept inputs of up to four video cameras and can monitor the output of each camera. One channel may be inverted, if desired, to yield a negative picture. In addition, an internal sync generator supplies 2:1 interlace sync, or sync may be supplied from an external source. The SEG-1 can be used with any SONY video camera or any other video camera with external sync input, any monitor, and any video tape recorder.

Dimensions: 5-1/4" (H) x 15-1/2" (W) x 10" (D). Weight: 8-1/2 lbs.



DXF-4

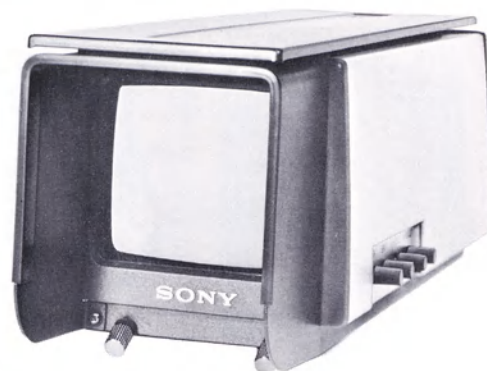
Electronic Viewfinder

The all solid-state DXF-4 Electronic Viewfinder is an ideal companion piece to the DXC-2000A Video Camera. The viewfinder features a 4" diagonal screen that lets you immediately see what the camera sees. The DXF-4 snaps onto the top of the camera and requires no additional hardware or cable connections.

Dimensions: 3-1/4" (H) x 3-3/4" (W) x 11-1/4" (L). Weight 4 lbs.

This all solid-state Electronic Viewfinder is designed for use with the AVC-3200 Camera. The viewfinder features a 4" diagonal screen that lets you see what the camera sees. The AVF-3200 requires no additional hardware or cable connections as it snaps on to the top of the camera.

AVF-3200



Dimensions:
4-1/4" (H) x
4-1/4" (W) x
13-1/2" (L).
Weight 5-1/4 lbs.

507 Lens



Wide Angle
Lens,
12.5mm F1.9.

214 Lens



Telephoto
Lens
75mm F1.9.

VCL-20



Zoom Lens,
20mm-
80mm F2.5.

VCL-16



Zoom Lens,
16mm-
64mm F2.0.



VCS-31

Camera Selector to operate up to 3 cameras.



CG-1

2:1 Interlace Sync Generator,
pulse and square wave switchable.



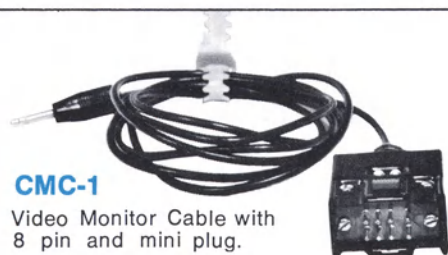
CCF-5/10/25/50

Camera Extension Cable
16'/32'/ 82'/164'.



RGC-5/15/25/50

Coaxial cable with UHF connectors and
spare female feed, 5'/15'/25'/50'.



CMC-1

Video Monitor Cable with
8 pin and mini plug.



TD-200

Dolly-equipped tripod
with full features for
pan, tilt and elevator.



VCT-20A

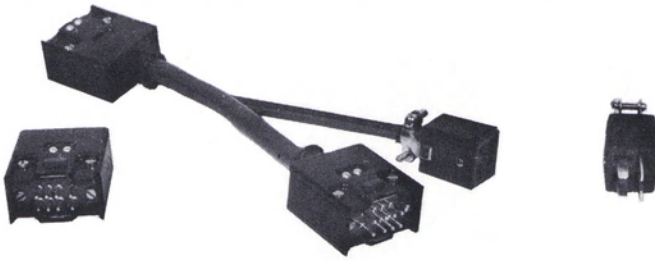
Elevator Tripod



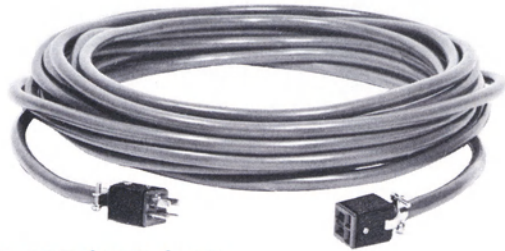
TD-1

Tripod dolly.

Monitor Accessories



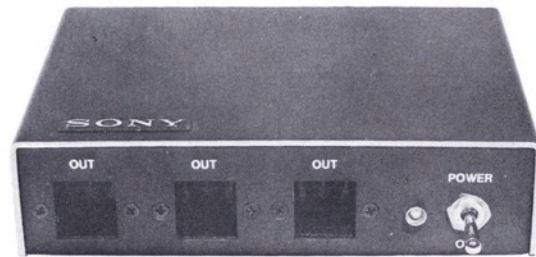
VMC-1B* Y type Branch Cord.



VMC-10B/25B/50B
Playback Extension Cable with 4 pin connectors, 32' / 82' / 164'.



VMC-1C* Y type Branch Cord with UHF Connector.

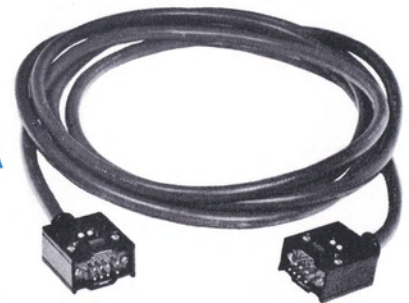


DA-10** Audio-Video Distribution Amplifier,
one input, four output.



VMC-1D*
Y type Branch Cord
with 16' cable.

*To use VMC-1B, VMC-1C, VMC-1D, refer to Technical Information P.E.T.I.-3S.



VMC-10A/25A
Video Extension
Cable with 8 pin
connectors 32' / 82'.



VMC-1E/5E**
Connecting Cable for DA-10, 3' / 16.5'.

**To use DA-10, VMC-1E/5E, VMC-1J, VMC-1H, refer to Technical Information P.E.T.I.-6.



VMC-1H**
8 pin female-female connector to
connect two 8 pin cables.



VMC-1J**
Multiple Connecting Cable for DA-10.

SOLD BY:



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